epiSUMMARY

Manitoba Monthly Surveillance Report

August 2015

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2015	2014	Change
Enterics													
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	1	1
AMEBIASIS	3	1	2.3 (0.5-6.7)	0.8 (0.0-4.3)	3	0	0	0	0	0	15	20	-5
E. COLI-VEROTOXIGENIC	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	0	0	0	0	1	0	26	30	-4
SHIGELLOSIS	1	5	0.8 (0.0-4.3)	3.9 (1.3-9.1)	0	0	0	0	1	0	9	23	-14
GIARDIASIS	13	12	10.0 (5.3-17.0)	9.3 (4.8-16.3)	8	0	2	2	1	0	57	56	1
CRYPTOSPORIDIOSIS	9	15	6.9 (3.2-13.1)	11.6 (6.5-19.2)	1	0	2	1	5	0	26	61	-35
SALMONELLOSIS	17	20	13.0 (7.6-20.8)	15.5 (9.5-24.0)	9	3	1	1	3	0	152	155	-3
CAMPYLOBACTER	17	33	13.0 (7.6-20.8)	25.6 (17.6-36.0)	7	1	6	0	3	0	102	120	-18
VPD													
H. INFLUENZAE (SEROTYPE B)	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	1	0	0	0	3	2	1
H. INFLUENZAE (NON-SEROTYPE B)	3	0	2.3 (0.5-6.7)	0.0 (0.0-2.9)	2	0	1	0	0	0	21	5	16
MUMPS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	7	0	7
PERTUSSIS	14	6	10.7 (5.9-18.0)	4.7 (1.7-10.1)	1	0	1	0	12	0	35	8	27
PNEUMOCOCCAL INVASIVE DISEASE	6	8	4.6 (1.7-10.0)	6.2 (2.7-12.2)	3	0	2	1	0	0	80	90	-10
Respiratory Diseases and TB													

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Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2015	2014	Change
INFLUENZA A	4	0	3.1 (0.8-7.8)	0.0 (0.0-2.9)	0	0	0	0	4	0	670	651	19
TB - NON-RESP.	5	2	3.8 (1.2-8.9)	1.6 (0.2-5.6)	5	0	0	0	0	0	25	18	7
TB - RESP.	10	11	7.7 (3.7-14.1)	8.5 (4.3-15.3)	3	0	5	0	2	0	90	70	20
EMD and Zoonotics													
TULAREMIA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	2	0
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	10	7	3
MALARIA	4	2	3.1 (0.8-7.8)	1.6 (0.2-5.6)	3	0	0	1	0	0	13	16	-3
STBBI													
HIV	7	11	5.4 (2.2-11.0)	8.5 (4.3-15.3)	7	0	0	0	0	0	76	59	17
SYPHILIS (Sero-reactive)*	33	.....	25.3 (17.4-35.5)	.....	19	5	4	0	5	0	397	282	115
HEPATITIS C	22	26	16.8 (10.6-25.5)	20.2 (13.2-29.6)	11	2	3	4	2	0	257	246	11
GONORRHEA	70	108	53.6 (41.8-67.7)	83.8 (68.7-101.2)	37	8	18	5	2	0	698	685	13
CHLAMYDIA	516	525	395.0 (361.7-430.6)	407.3 (373.2-443.7)	275	42	126	41	32	0	4226	4126	100
OTHER DISEASES													
STREP. INVASIVE DISEASE (GROUP A)	19	10	14.5 (8.8-22.7)	7.8 (3.7-14.3)	14	1	3	1	0	0	136	77	59
CLOSTRIDIUM DIFFICILE	99	60	75.8 (61.6-92.3)*	46.5 (35.5-59.9)	61	11	2	15	10	0	728	566	162

Data extracted: ***October 15, 2015***

Notes and Abbreviations

Notes:

1. 3-year-average cases / rate are defined as the average cases / rate reported in the same month over the previous three years.
2. Out-of-province cases are excluded.
3. The diseases where the current monthly rates are significantly higher than the previous 3-year average rates for the same month are highlighted yellow.
4. Syphilis: Due to improved testing and referral processes that took place in 2013, there was an observed increase in the number of records entered into the surveillance system. The data point shown in the table includes all reported Treponema serology-reactive individuals, however these may be infectious and non-infectious cases, as well as those requiring further public health follow-up to determine this status. These factors also make it difficult to draw a comparison to historical data, therefore statistical testing was not done.
5. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
EMD	Environmentally Mediated Diseases
IERHA	Interlake-Eastern Regional Health Authority
NRHA	Northern Regional Health Authority
PMH	Prairie Mountain Health
RHA	Regional Health Authority
STBBI	Sexually Transmitted & Blood-Borne Infections
TB	Tuberculosis
VPD	Vaccine Preventable Diseases
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority